

Title (en)  
A SUBSEA SWITCHGEAR APPARATUS

Title (de)  
UNTERWASSERSCHALTGERÄT

Title (fr)  
APPAREIL DE COMMUTATION SOUS-MARIN

Publication  
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Application  
**EP 07789472 A 20070704**

Priority  
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Abstract (en)  
[origin: WO2008004084A1] The invention relates to a subsea switchgear apparatus, which comprises: - a frame (10), - at least one electrical power inlet (11) mounted to the frame (10), - at least one electrical power outlet (12) mounted to the frame (10), - a distribution chamber (31) mounted to the frame (10), - at least one canister (20), which is mounted to the frame (10) and comprises a chamber (21) accommodating at least one high voltage circuit breaker (22), and - electrical connections (32) arranged in the distribution chamber (31) for electrically connecting the respective circuit breaker (22) of a canister (20) to the associated power inlet (11) and power outlet (12) of the switchgear apparatus (1). The chamber (21) of the respective canister (20) is separated from the distribution chamber (31) by a pressure barrier (23).

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CPC (source: EP US)  
**H02B 1/305** (2013.01 - EP US)

Citation (opposition)  
Opponent : SIEMENS  
• WO 0241336 A1 20020523 - ABB OFFSHORE SYSTEMS AS [NO], et al  
• WO 03081728 A1 20031002 - ABB AS [NO], et al  
• US 2006131143 A1 20060622 - ERIKSSON BJORN [NO], et al  
• WO 2007071266 A1 20070628 - SIEMENS AG [DE], et al  
• US 4241379 A 19801223 - OLSEN WILLI [DE]  
• US 4967307 A 19901030 - ITOU SYUNJI [JP], et al  
• US 4767351 A 19880830 - PATEL JANAK R [US], et al  
• STROMQUIST, R.: "Enablers for Deep Water & Long Tie Backs", DNV-INTSOK, DEEP WATER EXPERT GROUP 300805, vol. 18, 30 August 2005 (2005-08-30), XP003018628  
• "Getting power up to speed";, JOURNAL OF OFFSHORE TECHNOLOGY, vol. 4, no. 4, 1996, pages 35 - 37

Cited by  
EP2921642A1

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DOCDB simple family (publication)  
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